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ANNOUNCEMENTS

Relating to the Work
of the

LECTURE DIVISION

of the

DEPARTMENT OF EXTENSION

PUBLIC LECTURES



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PUBLICATIONS

OF THE

UNIVERSITY OF TEXAS

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The publications of the University of Texas are issued four times a month. They are arranged in the following series: RECORD, MINERAL SURVEY, GENERAL, HUMANISTIC, MEDICAL, SCIENTIFIC, REPRINT, UNIVERSITY EXTENSION, OFFICIAL, PRESS. For postal purposes they are numbered consecutively as Bulletins without regard to the arrangement in series. With the exception of the special numbers any Bulletin will be sent to citizens of Texas free on request. Communications from other institutions in reference to exchange of publications should be addressed to the University of Texas Library.

THE UNIVERSITY OF TEXAS RECORD has been issued from two to four times a year since December, 1898, and is now in its 10th volume. Its purpose is to preserve a record of the life and progress of the University, and for that reason it is of special interest to alumni, ex-students, and friends of the University. Upon request it will be regularly mailed, free, to any citizen of Texas. Address THE UNIVERSITY OF TEXAS RECORD, Austin, Texas.

The bulletins of the UNIVERSITY EXTENSION and OFFICIAL series, consisting of Announcements of Courses, Catalogues, Regents' Reports, and administrative matter, will be mailed free to any one upon request.

THE DEPARTMENT OF EXTENSION has for distribution the following bulletins:

96. *The Consolidation of Rural Schools*, General Series 7.
148. *A Bibliography of Penitentiary Reform*, Extension Series 3.
152. *One-Room and Two-Room Rural School Buildings with Plans and Specifications*, Extension Series 4.
158. *Bibliographies for Prohibition, Municipal Ownership of Public Utilities, Commission Form of Government for Cities, Educational Improvement and Social Reform, Compulsory Education, Free Raw Materials, Books on Educational Improvement and Social Reform for Loan by the Department of Extension*, Extension Series 6-15.
162. *Problems of Prison Reform*, Humanistic Series 10.
186. *Bibliography of Initiative and Referendum*, Extension Series 16.
197. *Remodeled Rural School Buildings*, Extension Series 19.
198. *Three-Room and Four-Room School Buildings*, Extension Series 19.
202. *Constitution of the Debating and Declamation League of Texas Schools*, Extension Series 20.
232. *Rules and Regulations for the Award of Prizes in Oratory offered to Texas Colleges and Normal Schools by the Hogg Organization*, Extension Series 21.
233. *Woman Suffrage, Bibliography and Selected Arguments*, Extension Series 22.
234. *Addresses on Education for the Declamation Contests*, Extension Series 24.
254. *Announcements of the Lecture Division of the Department of Extension*, Extension Series 25.

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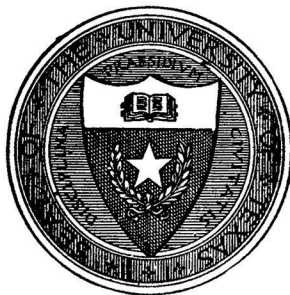
Relating to the Work
of the

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DEPARTMENT OF EXTENSION

LECTURE DIVISION



AUSTIN PRINTING COMPANY
Austin, Texas

**Cultivated mind is the guardian
genius of democracy. . . . It
is the only dictator that freemen
acknowledge and the only security
that freemen desire.**

President Mirabeau B. Lamar.

DEPARTMENT OF EXTENSION

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THE DEPARTMENT OF EXTENSION

The Department of Extension of the University of Texas was established by action of the Board of Regents in June, 1909. Its object is to make the University more directly useful to the great mass of people in the State who are unable to attend its classes in person, or who have problems for the solution of which scientific aid is needed. The work of the Department is conducted under five general divisions:

The Division of Correspondence Instruction offers work of college grade for those who are prepared to take it, and, in a limited number of subjects, work of high school grade is also offered. Within the same restrictions that govern residence work, University credit is given for the correspondence courses of college grade. This arrangement enables an ambitious student who can not attend college to build toward his degree. Special courses have also been arranged for the benefit of teachers who

wish to raise their State certificates, and instruction is offered in all subjects necessary to build to a Permanent Certificate.

The Division of Public Speaking and Debate has for its object the encouragement and direction of public discussion and debate, both in schools and out of them. Bulletins have been issued giving advice for organizing debating clubs, and also lists of references for preparation for debates on a number of subjects. Loan libraries upon these subjects are also furnished to such clubs as request them. Under the direction of this division, the Debating and Declamation League of Texas Schools has been organized, and two successful annual contests have been held. The plan of this league provides for a county inter-scholastic declamation and debating contest each year. In each congressional district, the winners of these county contests meet in a district contest, and the winners of the district contests meet in State finals.

The Division of Public Welfare. It is the purpose of this newly established Division to go directly into the field and investigate economic conditions in the State, with the view of collecting such reliable data as may present a basis for intelligent efforts at improving these conditions. The two matters upon which information is now being gathered are the marketing of perishable crops, and the housing of the middle classes.

The Division of Information and Exhibits has collected and arranged into the form of exhibits reliable information on such subjects as school buildings and school hygiene, play, and playgrounds, use of the school as a social center, medical inspection of schools, the housing problem, rural sanitation, and the care of the feeble-minded. These exhibits are sent throughout the State to the fairs and other large gatherings with the intent of calling the attention of the people to civic needs and at the same time recommending intelligent methods of reform. This Division also attempts to answer miscellaneous questions on all subjects pertaining to the welfare of the public. Two lecturers to rural schools give their whole time to the problems of the small and isolated school, and ready-made lectures accompanied by lantern slides for illustration are sent to communities that wish to use them. An expert in

Home Economics gives her entire time to the study of conditions in Texas and to the preparation of bulletins, delivering extension lectures on subjects helpful to the home-makers of the State.

The Division of Lectures. This bulletin states in detail the work of this division.

LECTURE DIVISION

Purpose. The work of the University Extension Department is primarily educational. The Lecture Division, therefore, is not a mere entertainment bureau, but is designed to carry out into the State the instructions available at the University. Every lecture offered presents an appreciable amount of definite information, and represents the thoughtful work of a student who has specialized in his subject. It is believed that the people of the State will appreciate more the opportunity to secure reliable instruction along with entertainment than merely to enjoy an evening's amusement. Each speaker will attempt to present his subject simply and clearly, in a popular and not in a technical manner, so that the average audience may follow him readily and may enjoy, as well as be instructed by, his lecture.

Audiences. It is hoped that the Extension Lectures will appeal to such associations as women's clubs, teachers' clubs, literary societies, farmers' clubs, business leagues, county institutes, reading circles, Young Men's and Young Women's Christian Associations, Library Associations, and schools. In such cases, where the auditors seek lasting educational benefit, some preparation for the lectures is often desirable.

When a lecture has been agreed upon, a traveling library selected by the lecturer will, upon request, be sent to the proper authorities in the town where the lecture is to be delivered for the use of those who intend to hear the lecture. This traveling library will be accompanied by a syllabus of the lecture and by explicit references to the material in the library. In this way, the auditors can easily prepare themselves to listen with profit. After the lecture has been delivered, opportunity will be afforded the listeners to confer with the speaker, either to

clear up difficulties or to develop special points in more detail. Of course, this plan of preparation will not appeal to everyone who will hear the lecture. This arrangement, however, will in no sense interfere with the popular feature of the occasion. It will merely provide for two classes of listeners: one group who may have time for the lecture only; and a second group of those who, enjoying more leisure, have prepared themselves by outside reading and study.

Application for Lectures. For the most part the members of the Extension lecture staff are members of the University faculty who are teaching daily. As some care is needed to prevent public lectures from interfering with the work of the classroom, arrangements in regard to any of these lectures should be made some time in advance of the desired date. This is especially true in the case of towns in parts of the State remote from Austin.

To Reduce Expenses. If two neighboring communities or two organizations in the same community can agree on a given lecturer for consecutive dates, the speaker's expenses may be shared by the two, and the cost to each reduced accordingly. A like saving is possible when a speaker is engaged for a series of several lectures. If, in writing for a certain lecturer, the date is left open, it may be possible for the Chairman of the Lecture Division to arrange a combination with a community adjacent to the one from which the request comes. In every case, and especially where the community involved is small, every consideration will be shown in regard to reducing the cost of the lecture.

Illustrated Lectures. In the case of a lecture illustrated by electrical stereopticon, the University will furnish the lantern, when asked to do so; but those securing the lecture must provide for the electric current and the management of the lantern.

Commencement Addresses. Suitable speakers to make commencement addresses for high schools and colleges throughout Texas will be sent by the University upon request to this department. The University welcomes especially such opportunities for its staff to become better acquainted with educational institutions in the State.

Expenses. The local expenses of a lecture, such as the provision of a suitable hall, advertising, etc., must be borne by the particular community. The fee for each lecture, unless otherwise agreed by special arrangement, will be twenty-five dollars in addition to the traveling expenses of the lecturer. Address all inquiries concerning lectures to John A. Lomax, University Station, Austin, Texas.

TOPICAL LIST OF LECTURES

For the convenience of the public, the lectures offered are here listed under headings that indicate their subject matter. If notified sufficiently in advance, the Lecture Division will sometimes be able to furnish other lectures than those listed below. This is especially true in all of the subjects classed under the general heads of Domestic Science and Home Economics. The work of these departments was not sufficiently organized when this bulletin was issued to offer a long list of specific topics. Correspondence is invited and an attempt will be made to meet the needs of any particular community. Fuller information about many of the lectures can be had by reference to the preceding list.

Agriculture.

Mr. Henry Exall. Agricultural Betterment; The beneficial Influence of Agricultural Education.

Mr. C. B. Austin. Agricultural Economics.

Art.

Professor William James Battle. Introduction to the History of Art.

Astronomy.

Professor Harry Yandell Benedict. The Sun and Moon; The Planets as Abodes of Life; Facts About the Stars.

Education.

Professor Spurgeon Bell. Commercial Education and the University.

Dr. S. P. Brooks. Higher Education in Relation to Democracy; History of Popular Education; Civilization is a Cry for Peace; The Field of Education is the Field of the Square Deal.

Professor Frederick Eby. Twentieth Century Schools; Some Famous Schools of the Past and Present; The World's Greatest Teachers; The Froebelian Kindergarten and the Montessori System.

Professor Alexander Caswell Ellis. What Causes Our Feelings and How to Control Them; The School as a Social Center; School Hygiene and School Construction.

Thomas Fletcher, Visitor of Schools. Training in the Economy and Aesthetics of Dress, A Function of the High School.

Mr. Theodore Harris. Higher Education in Its Relation to the Individual, to Society, and the State.

Professor Joseph Lindsey Henderson. The Evolution of Public Schools in New York City; The Background of Literature; Observations on the Development of the Adolescent.

Mr. C. C. McDonald. Education in Texas.

Mr. Peter Radford. The University for the People.

Instructor Leroy Walter Sackett. Educational Philosophy; The Hygiene of School Life; The Hygiene of School Equipment; Problems of the Feeble-Minded in Society; The Learning Process as Seen in Animals; Professional Retardation; How Things Look from the Other Side.

Professor William Seneca Sutton. The Education of the Modern Woman; Some Schoolmasters of the Long Ago; Christian Education in the Twentieth Century; The Status of Public Education in Texas; The Education of the Negro in the South; Public Education in Mexico During the Presidency of Porfirio Diaz.

Mr. Cullen F. Thomas. The Wisconsin Idea of Bringing the University to the People.

Professor Thomas Ulvan Taylor. The Poor Boy and the University.

Engineering.

Professor Thomas Ulvan Taylor. Water Supply of Cities and Towns; Sewerage Systems of Cities and Towns.

English and American Life and Literature.

Professor Morgan Callaway, Jr. The Poetry of Sidney Lanier; The Tragedy of King Lear; Hamlet; The Book of Job; Jane Welch Carlyle; English Literature in Our Schools and Homes.

Professor Killis Campbell. A Ramble with Poe; The Poets and Poetry of the South.

Professor Reginald Harvey Griffith. King Arthur; The Holy Grail; William Cowper; Fact and Fiction, or, Life as the Great Writers Have Seen It.

Professor Robert Adger Law. The Elizabethan Drama and the Modern; Some Contemporary American Plays; Romeo and Juliet.

Professor William Taylor Mather. The Predecessors of the English Bible.

Professor Leonidas Warren Payne, Jr. Elizabethan Playhouses; Everyman, a Lecture Reading; Types of Southern Humor.

Professor William Seneca Sutton. An Hour with a Poet of the Southland.

Professor Stark Young. The Poetic and Idealistic Drama; The Irish Drama; Moliere; The Mounting of Amateur Plays; Dramatic Material in the South; Byron; What the Public Wants.

Folk-Lore.

Professor John Avery Lomax. The Songs of the Cowboy; Some Types of the American Ballad; Negro Ballads of the Cotton Fields.

Geography and Travel.

Professor Harry Yandell Benedict. The Yellowstone National Park.

Professor William Ray Manning. Castles in Spain.

President Sidney Edward Mezes. Egypt.

Instructor Carl Cleveland Taylor. A Modern Mormon in His Home, Church, and State.

Mr. Francis W. Wozencraft. The Passion Play.

German Life and Literature.

Professor Waldemar Eric Metzenthin. Lessing; Modern German Dramatists.

Government.

Professor Charles Shirley Potts. The Advance of Democracy Since the American Revolution; Direct Legislation Through the Initiative, the Referendum, and the Recall; Development of Political Machinery for Nominating and Electing the President; The Convention System *versus* the Presidential Primary; Commission Government in America and Europe; Good City Government in America and Europe; English Cabinet Government Compared with the American Presidential Plan; The Government of the German Empire; Penitentiary Reform, or, Our Treatment of the Criminal; The Drift Toward a World State; Railway Combinations.

Greek Life and Architecture.

Professor William James Battle. The Most Beautiful Building in the World; Athens, the Soul of Greece; Greek Architecture, a series of three lectures.

Instructor George Miller Calhoun. Some Clever Lawyers of Ancient Athens; The Antiquity of Modern Politics.

History.

Instructor Frederick Duncalf. Medieval Agriculture; Medieval Life; The Crusades.

Industry.

Mr. C. B. Austin. The Market; The Industrial Evolution of Texas.

Law.

Professor William Stewart Simkins. Equity as a System; Status of Married Women in Texas; Effect of the Statute Requiring the Practice in Common Law Cases in the Federal Court to Conform as Near as May Be to the Laws of State Practice.

Professor John Charles Townes. The Relation Between Law and Ethics; The Average Man; Precedent and Principle.

Mathematics.

Instructor Edgar Lewis Dodd. The Arithmetic of Life Insurance; The Arithmetic of Elementary Statistics.

Philosophy.

Instructor John Hindman Keen. Bergson's Philosophy; Is Religion Rational?

President Edward Sidney Mezes. Ethics and Law.

Physical Sciences.

Instructor Leroy Brown. Gyroscopic Action in Automobiles and Ships; The Development, Transmission, and Use of Some Large Western Power Resources; Bernoulli's Principles, as Illustrated by the Flow of Liquids and Gases.

Instructor Alexander Deussen. Principles of Geology; What a Prospector Should Know; Geology of Oil and Gas; Soils; Artesian Water.

Adjunct Professor Kuehne. Color Photography.

Professor William Taylor Mather. The Making of a Sheet of Paper.

Professor Frederick William Simonds. Earthquakes; When the Earth Was Young.

Geologist Johann August Udden. The Ice Age; Petroleum and Natural Gas.

Physical Training.

Professor Waldemar Eric Metzenthin. Place and Significance of Organized Athletics in Modern Society.

Political Economy and Political Science.

Professor Lewis Henry Haney. Labor and Capital; Protection and Free Trade.

Professor Lindley Miller Keasbey. Dollars and Democracy; Monkeys and Men.

Instructor Edmund Thornton Miller. The Revenue System of Texas.

Professor Spurgeon Bell. Business Organization and Competition; Currency Reform and Panics.

Psychology.

Professor Clarence Stone Yoakum. Modern Psychology; Abnormal Psychology; Comparative Psychology and the Study of Animal Mind; Social Psychology.

Public Speaking.

Professor Edward DuBois Shurter. The Spoken Word.

Roman Life and Civilization.

Professor Edwin Whitfield Fay. The Roman Forum; Pompeii, the Buried City; The Theatre and Amphitheatre in Ancient Italy; Ancient Walled Towns; The Bath, Gymnasium, and School in Ancient Italy; Trade and Manufacturing, Shops and Markets, Buying and Selling in Ancient Italy; Religious Buildings and Worship in Ancient Italy.

Rural Home and School.

Amanda Stoltzfus. Teaching Manual Training and Cooking in a One-Room Country School; The Organized Country Community; Rural Recreation; The Most Efficient Rural School; Home and School Beautification; Farm and Home Sanitation; Typhoid Fly Problem.

Mr. C. B. Austin. Homes for the People.

Sociology.

Mrs. Anna J. H. Pennybacker. The General Federation as a Force in the Sociological Development of Today.

Spanish Life and Literature.

Instructor Guillermo Franklin Hall. Una Herencia Despreciada; A Heritage Disdained; Lo Que se Debe Saber de la Literatura Española; What One Ought to Know of Spanish Literature; What Is the Matter with Mexico; What Is the Matter with Cuba.

LECTURERS

In addition to lectures by members of the University faculty, the Extension Department has secured the co-operation of a number of leading citizens of the State in various other fields

of work who have agreed to furnish addresses upon topics of current interest to the public. The lectures listed below alphabetically under the names of the lecturers are now ready. Others will be added from time to time.

HON. J. HOWARD ARDREY, Cashier City National Bank, Dallas.
(Subject to be announced later.)

DR. S. P. BROOKS of Waco, President of Baylor University, is available for the following lectures:

1. *Higher Education in Relation to Democracy.*
2. *History of Popular Education.*
3. *Civilization Is a Cry for Peace.*
4. *The Field of Education Is the Field of the Square Deal.*

HON. HENRY EXALL, of Dallas, President of the Texas Industrial Congress, is available for the following lectures:

1. *Agricultural Betterment.*
2. *The Beneficial Influence of Agricultural Education.*

HON. THEODORE HARRIS, of San Antonio, Texas, is available for the following lecture:

1. *Higher Education in its Relation to the Individual, to Society, and to the State.*

HON. C. C. McDONALD, of Austin, Secretary of State, is available for the following lecture:

1. *Education in Texas.*

The particular phase of this subject that is to be discussed will be announced at a later date.

HON. CLARENCE OUSLEY, Editor Fort Worth Record. (Subjects to be announced later.)

MRS. ANNA J. H. PENNYBACKER, of Austin, President of the General Federation of Women's Clubs, is available for the following lecture:

1. *The General Federation as a Force in the Sociological Development of Today.*

HON. PETER RADFORD, of Fort Worth, President of the Farmers' Educational and Industrial Union of Texas, is available for the following lecture:

1. *The University for the People.*

This lecture is concerned with the problem of taking the University to the people who cannot go to it; especially how the school in the rural district may be benefited by the University.

HON. CULLEN F. THOMAS, of Dallas, is available for the following lecture:

1. *The Wisconsin Idea of Public Education.*

The co-operation with the Extension Department of various students in the University of Texas makes possible the announcement of the following lectures:

GEORGE W. DUPREE.

LUTHER S. HOFFMAN.

HUGH M. POTTER.

} *Current Educational Problems.*

FRANCIS W. WOZENCRAFT is available for the following lecture:

1. *The Passion Play.*

The lecture is based upon the play as presented in 1910, when it was seen by the lecturer during a visit to Bavaria. It is illustrated with seventy-five colored slides, as beautiful and complete a collection as can be obtained, representing views around Oberammergau, the people, and scenes from the play. Especial attention is paid to the technical and dramatic elements when it is desired; but as a rule the lecturer describes rather than criticises, leaving the audience to draw their individual conclusions after the play has been fully presented. The country around Oberammergau, the village itself, the character and life of the people, the customs out of which the play arose, and the history of the play itself are all dealt with clearly, but briefly, as a background for the present presentation, which is fully described and interpreted from a spiritual standpoint.

The lectures by members of the University Faculty are here listed under the names, alphabetically arranged, of the men who

give them. Illustrated stereopticon lectures are starred. In cases where the information has been furnished, the lectures are briefed.

MR. C. B. AUSTIN, Adjunct Professor and Head of the Division of Public Welfare Extension Department.

1. *The Industrial Evolution of Texas.*

The present state of industrial development; stages passed through and their bearing upon the present and future; some probable future economic problems and possibilities, and their influence upon social conditions.

2. *Homes for the People.*

A lecture on proper housing conditions and home building; good and bad housing; the dangers of overcrowding; Garden City experiments, and town planning; improvement of rural conditions and the relations between housing conditions and social institutions.

3. *Agricultural Economics.*

A lecture on the economic problems which confront the Texas farmer of today. The farmer's place in the present industrial system: wages, rent, interest, and profits from his standpoint.

4. *The Market.*

This lecture traces the development of the present marketing system; discusses demand and supply and the fixing of price; and treats of some of the problems of the marketing of Texas products.

WILLIAM JAMES BATTLE, Ph. D., Dean of the Faculty and Professor of Greek, is available for the following lectures:

1.* *The Most Perfect Building in the World.*

What constitutes excellence in building. Principles and characteristics of Greek architecture. The temple the highest form of Greek architecture. Character and purpose of the Greek temple. Athena the patron goddess of Athens. The conditions under which the Parthenon was built. Site of the Parthenon. History of the Parthenon: Temple of the Virgin, Church of the All Holy Mother of God, Mohammedan Mosque, Romantic

ruin. Description of the building. The Statue of Athena. The Parthenon the embodiment of the Greek spirit. The meaning of the Parthenon to us.

2.* *Athens, the Soul of Greece.*

Situation of Athens. The beginnings of Athens. The rule of Pisistratus. The Persian Wars. The Age of Pericles. Hellenistic Athens. Athens under the Romans. Byzantine, Frankish, and Turkish Athens. Athens the capital of modern Greece.

3.* *Introduction to the History of Art.*

Meaning of Art. Psychological basis of Art. Definition of architecture. Tests of good architecture. Influences determining the character of architecture. Architectural styles. Structural principles in covering spaces. Historical development of architecture.

Definition of sculpture. Origin of sculpture. Objects imitated. Materials and technique. Realism and idealism. Employment of sculpture. Historical development of sculpture.

Definition of painting. Origin. Objects imitated. Materials and technique. Realism and idealism. Early development.

The arts today. The outlook for the future.

4.* *Greek Architecture: series of three lectures.*

(a) Introductory considerations on architecture. Principles and characteristics of Greek architecture. The three orders.

(b) The temple the highest form of Greek architecture. The temples at Paestum. The great temples in Sicily. The Parthenon. The temple of Artemis at Ephesus. The Erechtheum. The temple of Olympian Zeus at Athens.

(c) Other forms of Greek architecture: Theatres, council halls, porticoes, gateways, tombs. Civic centers. The influence of Greek architecture on Rome. The influence of Greek architecture on the modern world.

SPURGEON BELL, B. S., Professor of Business Training.

1. *Commercial Education and the University.*

The current movement in schools and universities for the promotion of commercial education. The incorpora-

tion of commercial courses in the university curriculum. The aim and scope of commercial education. Its relation to industrial education and commercial life.

2. *Business Organization and Competition.*

The rise of the holding company and its relation to the control of business and industry. Business organizations and politics. The Sherman Law and its interpretation.

3. *Currency Reform and Panics.*

Fluctuations in the amount of various kinds of notes in relation to the profits of issue. The bond secured notes and the recent panics. The Aldrich-Vreeland Act. Recent proposals for currency reform.

HARRY YANDELL BENEDICT, Ph. D., Dean of the College of Arts and Professor of Applied Mathematics, is available for the following lectures :

1.* *The Sun and Moon.*

All life on the Earth is absolutely dependent on the heat and light of the Sun. Conditions on the Sun and Moon are widely different. The Moon is a small, dead, and changeless world devoid of air and moisture, while on the enormous Sun terrific disturbances are continually taking place. The progress of modern astronomy has made known many interesting facts about both Sun and Moon that can be easily understood by people not at all familiar with astronomy.

2.* *The Planets as Abodes of Life.*

Four major planets, four minor planets, and about seven hundred smaller planets are known to circle about the Sun in periods ranging from ninety days to one hundred and sixty-five years. Conditions on these planets have been carefully studied by astronomers and much discussion concerning the habitability of Mercury, Venus, and especially Mars has taken place. The facts so far discovered can be summarized and made plain, with the aid of slides, in one lecture.

3.* *Facts About the Stars.*

Our Sun is but one among hundreds and millions of stars, and is surpassed in size and weight and brilliancy

by many of them. Amazing success has rewarded those astronomers who have spent their lives in trying to find out more about the Universe in which we live. Many double suns have been found revolving about each other and a few clusters of several thousand suns are known. Vast cloud-like nebula, thousands of millions of miles across, dot the heavens; now and then new suns burst forth into view; and the mind of man is exalted in trying to understand the starry heavens.

4.* *The Yellowstone National Park.*

Although first seen by the white man in 1807, so amazing were the stories told of the Yellowstone National Park that few could be got to believe them until in 1870 a government expedition established the truthfulness of the Indians and early explorers. The Park was set aside in 1872 "for the benefit and enjoyment of the people." It lies in the northwest corner of Wyoming and is mainly situated on a volcanic plateau 8,000 feet above sea level. It is surrounded by mountains from 2,000 to 3,000 feet higher. From the Park, rivers flow to the Pacific, to the Gulf of California, and to the Gulf of Mexico.

Through early Tertiary times the Park region was the scene of tremendous and repeated volcanic activity and in later times glaciers from the mountains covered the whole plateau. A combination of natural wonders has resulted, unsurpassed in all the world.

The Yellowstone geysers are larger and more numerous than those of Ireland and New Zealand; the Yellowstone Canyon is unsurpassed for marvelous coloring; the mud volcanoes are interesting and amusing; the beautiful Yellowstone Lake is one of the highest navigable lakes in the world; and the abundance of bear, deer, elk, and other game is a constant source of pleasure to the traveler. Dozens of spouting geysers, hundreds of hot springs, thousands of steam holes, dot the Park. Cliffs of glassy obsidian, mountains of sulphur, creeks flavored with alum and arsenic, petrified forests, and extinct volcanoes are to be found. Fortunately the marvelous coloring of the geysers, canyons, and hot springs is easily reproducible in lantern slides.

Note.—It is possible to combine the first two lectures into one lecture, entitling it "The Sun, Moon, and Planets." It is also possible to combine the first three of these lectures into one, entitling it "Sun, Moon, and Stars."

S. LEROY BROWN, Ph. D., Instructor in Physics, is available for the following lectures:

1.* *Gyroscopic Action in Automobiles and Ships.*

The application of gyroscopes, in the Schlick steadying device for ships at sea, and in the Brennan Mono-rail car. The rotating machinery of automobiles, turbines, and electric generators on board ships produce serious twisting action on their supports which may be disastrous; or at least their action must be considered in design and operation. The same sort of twisting action that is troublesome in many rotating pieces of machinery is utilized in the Schlick device for keeping boats at sea from rocking. The most ingenious and interesting application of the gyroscope (massive rotating wheel) is in Brennan's car, which can be operated on one rail. The peculiar feature of the rotating gyroscope is that it often moves at right angles to the direction that you try to make it move. This behavior can be easily explained, and how this feature of a massive rotating wheel can be utilized to steady a boat or a car on one rail is made evident. This lecture, illustrated by models as well as slides, is easily within the scope of the popular mind.

2.* *Some Great Engineering Feats of the West, Which Have Developed Enormous Power Resources.*

Some of the large power supplies in the West are the falls of the Kern River in California from which power is transmitted to Los Angeles; the falls in the Yuba and Feather River from which power is transmitted to San Francisco; the hydro-electric plants near Portland, Oregon; the Snoqualmie Falls development which serves Tacoma and surrounding cities; and the White River development which supplies the city of Seattle with electric energy. A large and interesting steam power plant is located near Los Angeles at Redondo, California. Just after the completion of this plant four years ago, its high efficiency entitled the contractors to a \$400,000 bonus. The slides illustrating this lecture show how beautiful waterfalls and rapids are converted into sources of useful energy. The discussion accompanying the slides can be of a popular or technical character as the occasion demands.

3.* *Bernoulli's Principle, as Illustrated by the Flow of Liquids and Gases.*

Explanation of the curving of a baseball. The crowding together of two boats running side by side, the action of the Venturi water meter, the floating of a light ball against the side of a stream of air, and some other seemingly paradoxical performances, can be explained by an application of Bernoulli's principle. This lecture is semi-technical rather than popular.

GEORGE MILLER CALHOUN, Ph. D., Instructor in Greek, is available for the following lectures:

1. *Some Clever Lawyers of Ancient Athens.*

The litigiousness of the Athenians; their court system and its weaknesses; the functions of Athenian counsel; some prototypes of Dodson and Fogg.

2. *The Antiquity of Modern Politics.*

Recent political problems which are two thousand years old; some ancestors of our modern politicians; stand-patters and insurgents; modern political methods in an ancient city.

MORGAN CALLAWAY, JR., Ph. D., Professor of English, is available for the following lectures:

1. *The Poetry of Sidney Lanier.*

This lecture gives a brief but comprehensive discussion of the chief themes of Lanier's poetry, of his style, and of his theory of art, together with a short account of his heroic life.

2. *The Tragedy of King Lear.*

This lecture gives a succinct discussion of this great play from the standpoint of plot, characterization, and style.

3. *Hamlet.*

This lecture attempts to point out the most noteworthy characteristics, not of the play of Hamlet, but of the character naming the play, and to indicate some of the reasons for the unceasing fascination of this much discussed hero.

4. *The Book of Job.*

This lecture attempts to indicate the chief grounds of the greatness of this work in the field of religion and of literature and to show the bearings of the book on the problems of the present.

5. *Jane Welch Carlyle.*

This lecture gives an account of the education, the literary ambition, and the home life of one of the most brilliant women of the nineteenth century, and incidentally gives a picture of the struggles, domestic and literary, of this woman's more noted husband, Thomas Carlyle.

6. *English Literature in Our Schools and Homes.*

This lecture attempts to show the close relationship between literature and life and to emphasize the fact that a small but well selected library is indispensable to the best development of home and school.

KILLIS CAMPBELL, Ph. D., Associate Professor of English, is available for the following lectures:

1. *A Ramble with Poe.*

A presentation of certain facts about Poe's life that have come to light only within recent years; followed by an attempt to reconcile some of the conflicting opinions with respect to Poe's personality and to account for his unique vogue and influence in America and abroad.

2. *The Poets and Poetry of the South.*

Some account of the rise of poetry at the South, with an attempt to account for the dearth of literature in the colonial South; a consideration of the chief poets of the Old and the New South, including Poe, Timrod, Hayne, Lanier, and Maurice Thompson.

ALEXANDER DEUSSEN, M. S., Instructor in Geology and Mineralogy, is available for the following lectures:

1. *The Principles of Geology.*

Minerals and rocks; principles of the classification of strata; structures; relation of structure to the occurrence of oil, salt, sulphur, gold, artesian water. Can a geolo-

gist tell what minerals exist under the earth, and if so, how does he do it? Geology of Texas.

This is a popular lecture designed to acquaint persons interested in lands, oil, mineral development, agriculture, irrigation, etc., with the fundamentals of geology, and how geology may be of service to them.

2. *What a Prospector Should Know.*

Minerals, rocks, and ores. How may ores of gold, silver, lead, copper, etc., be recognized. Veins and beds. Origin and mode of occurrence of gold and coal. Where should gold and coal be looked for.

This is a popular lecture designed to acquaint laymen and land owners with a few facts concerning minerals and ores, thus enabling them to do their prospecting in a more intelligent manner.

3. *Geology of Oil and Gas.*

Nature of these substances; origin of oil and gas; conditions necessary for their accumulation; where found in Texas; geological conditions which have caused the accumulations in Texas; prospecting for oil; surface indications; valuable and valueless surface indications.

A popular lecture designed to be of use to persons interested in oil and gas. It should be preceded by the lecture on Principles of Geology if a more comprehensive discussion is desired.

4. *Soils.*

Minerals and rocks; the origin of soils; constituents of soils; kinds of soils; classification of soils; erosion; conservation.

A popular presentation of the geology of the soil.

5. *Artesian Water.*

Underground water; origin of ground water; quality of waters; artesian water and irrigation; the ground waters of Texas.

This lecture is designed to give reliable information on a subject of transcendent interest to every citizen of Texas.

Note.—These five lectures are designed primarily to meet the needs of Commercial and Business Men's Clubs, Farmer's Institutes and Organizations, Agricultural Clubs, Real Estate Exchanges and other similar organizations. Lecture Number 1 is introductory, and should, when possible, precede any of the other lectures.

EDWARD LEWIS DODD, Ph. D., Instructor in Pure Mathematics, is available for the following lectures:

1. *The Arithmetic of Life Insurance.*

Compound Interest. The amount at a future date of a present sum of money. The present value of a sum of money due at a future date. The mortality table giving the number of expected deaths at the different ages. The method of computing net premiums for life insurance, based upon compound interest and the mortality table. Various forms of insurance: Insurance for life, Term Insurance, Pure Insurance, the Single Premium, the Level Premium, the Level Premium for Life, etc. Annuities. Assessment Insurance. The mathematics needed by the Actuary who draws up the tables, computes the tables, etc, not only for the simple policies, but for the various policies designed to suit every man of the public.

2. *The Arithmetic of Elementary Statistics.*

The Use of Diagrams and Drawings. Various types: the Average or Arithmetic Mean, the Weighted Average, the Geometric Mean, the Medium, and the Mode. The Degree of Accuracy, the use of Round Numbers, and the Greatest Possible Error. Cumulative Errors and Compensating Errors. Statistical Co-efficients and Index Numbers. Dispersion, Standard Deviation, and Correlation. The courses in mathematics needed for the most advanced work in statistics.

FREDERICK DUNCALF, Ph. D., Instructor in Medieval History, is available for the following lectures:

1.* *Medieval Agriculture.*

This lecture gives a description of the various methods of agriculture, the rotation of crops, the kinds of crops; how these matters affected agricultural life, and how progress took place.

2.* *Medieval Life.*

This lecture takes up the customs and habits of daily life among the different classes; also popular ideas and their effect on life.

3. *The Crusades.*

This lecture discusses the character of people who went on the crusades and the changes that contact with eastern civilization effected. The similarity of the spirit of the crusades and that of other people on the frontier, especially our own West, is shown by a presentation of the spirit of the crusades.

FREDERICK EBY, Ph. D., Associate Professor of the History of Education, is available for the following lectures:

1.* *Twentieth Century Schools.*

2. *Some Famous Schools of the Past and Present:* a series of five lectures.

- a. Vittorino da Feltra—La Giocosa.
- b. Basedow—The Philanthropinum.
- c. Pestalozzi—Burgdorf and Yferdun.
- d. Dewey—Practice School.
- e. Montessori—Casa dei Bambini.

3. *The World's Greatest Teachers:* a series of three lectures.

- a. Moses—The Moral Law-Giver.
- b. Jesus—The Spiritual Life.
- c. Pestalozzi—Harmonious Development.

4.* *The Froebelian Kindergarten and the Montessori System.*

ALEXANDER CASWELL ELLIS, Ph. D., Professor of the Philosophy of Education, Director of the Department of Extension, is available for the following lectures:

1. *What Causes Our Feelings and How to Control Them.*

In this lecture are discussed the various theories with regard to the causes of our emotions. The facts are presented which bear upon the several theories. The four theories discussed are: 1. That our feelings are but a phase of our ideas, that, in short, our ideas cause our feelings. 2. That our feelings are due solely to our bodily conditions, to changes within our bodily organs. 3. That feelings are due to relations which exist between

several groups of ideas in mind at the same time. 4. That feelings are due to a conflict of instinctive responses aroused by the situations of life.

This lecture is popular in style, and may be understood by anyone without the slightest technical knowledge of psychology. It points out what truth there is in each of the given theories and what help psychology can give in the practical management of our emotions.

2.* *The School as a Social Center.*

This lecture gives an account of the uses which have been made of school houses in various parts of the country as social centers, not only for the entertainment of children, but for the entertainment and education of adults as well. It is accompanied with a number of lantern slides showing the actual work and play carried on at different places.

3.* *School Hygiene and School Construction.*

This lecture takes up the important questions of lighting, heating, ventilation, sanitation, and convenience of arrangement in school buildings. It is accompanied by a large collection of lantern slides illustrating the various principles involved, and showing pictures of model school buildings that have been built in different parts of the country.

EDWIN WHITFIELD FAY, Ph. D., Professor of Latin, is available for the following lectures:

- 1.* *The Roman Forum*—Where the world was governed for half a thousand years.
- 2.* *Pompeii, the Buried City*—The eruption of Vesuvius.
- 3.* *The Theatre and Amphitheatre in Ancient Italy.*
- 4.* *Ancient Walled Towns*—their streets and cemeteries, their roads and waterworks.
- 5.* *The Bath, Gymnasium, and School in Ancient Italy.*
- 6.* *Trade and Manufacturing, Shops and Markets, Buying and Selling in Ancient Italy.*
- 7.* *Religious Buildings and Worship in Ancient Italy.*

THOMAS FLETCHER, B. Lit., Assistant Visitor of Schools, is available for the following lectures:

1. *Training in the Economy and Aesthetics of Dress: A Function of the High School.*

The Purpose of Dress. Dress at present a vital problem, socially, economically, and morally. Style arbitrary and ever-changing. Standards and ideals a matter of education. How the school may determine these standards.

REGINALD HARVEY GRIFFITH, Ph. D., Adjunct Professor of English, is available for the following lectures:

1. *King Arthur.*
2. *The Holy Grail.*
3. *Wiliam Cowper.*
4. *Fact and Fiction: or, Life as the Great Writers Have Seen It.*

GUILLERMO FRANKLIN HALL, B. S., Instructor in Spanish, is available for the following lectures:

1. *Una Herencia Despreciada.*

Un discurso en español que tiene por objeto animar á los jóvenes texanos y mexicanos, perfeccionarse en el idioma de sus padres, indicándoles las glorias pasadas de la raza de que vienen sus antepasados, las bellezas de su idioma y el valor práctico de éste en el día de hoy.

2. *A Heritage Disdained.*

This is the same as Number 1, but is delivered in English. The purpose is to awaken in the minds of our young citizens of Mexican origin a desire to perfect themselves in the language of their fathers by pointing out the grandeur of the race from which they are descended, the beauties of the language, and its practical value today.

3. *Lo Que Se Debe Saber De La Literatura Española.*

Un discurso en español cuyo objeto es indicar el camino que debe andar el que quiere conocer los mejores autores españoles, antiguos y modernos.

4. *What One Ought to Know of Spanish Literature.*

This is the same as Number 3, but is delivered in English. Its object is to indicate the road to be followed by

those who would know the best Spanish authors, ancient and modern.

5. *What Is the Matter with Mexico.*

A discussion of past and present conditions in Mexico. The lecture is based on first hand knowledge of the situation gained during long residence in the country and from personal relations with the people and their leaders.

6. *What Is the Matter with Cuba.*

A study of the actual conditions on the Island and the causes of these conditions.

LEWIS HENRY HANEY, Ph. D., Associate Professor of Economics, is available for the following lectures:

1. *Labor and Capital.*
2. *Protection and Free Trade.*

JOSEPH LINDSEY HENDERSON, Visitor of Schools, Associate Professor of Secondary Education, is available for the following lectures:

1. *The Evolution of the Public Schools of New York City.*
2. *The Background of Literature.*
3. *Observations on the Development of the Adolescent.*

LINDLEY MILLER KEASBEY, Ph. D., Professor of Institutional History, is available for the following lectures:

1. *Dollars and Democracy.*
2. *Monkeys and Men.*

JOHN HINDMAN KEEN, M. A., LL. B., Instructor in Philosophy, is available for the following lectures:

1. *Bergson's Philosophy.*
2. *Is Religion Rational?*

J. M. KUEHNE, Ph. D., Adjunct Professor of Physics, is available for the following lecture:

Photography in Natural Colors.

Color sensitive of the eye. Primary colors. Comple-

mentary colors. Color sensitiveness of photographic plates. Three-color photographic processes. Other color processes. The lecture is illustrated throughout by experiments, and by lantern slides photographed in natural colors. It is intended to give a non-scientific audience an insight into this fascinating branch of applied optics.

ROBERT ADGER LAW, Ph. D., Adjunct Professor of English, is available for the following lectures:

1. *The Elizabethan Drama and the Modern.*

A discussion of some differences between the plays of Shakespeare's time and those of today, with special reference to plays by Ibsen, Pinero, Sudermann, Rostand, and Maeterlinck.

2. *Some Contemporary American Plays.*

Brief comment on representative plays of Mackaye, Fitch, Moody, Miss Peabody, and other Americans of the present time.

3. *Romeo and Juliet.*

An account of the story of these unfortunate lovers as it existed before its dramatic treatment by Shakespeare, and an estimate of Shakespeare's development of plot and characters.

JOHN AVERY LOMAX, M. A., Secretary of the Faculties, Assistant Director of the Department of Extension, is available for the following lectures:

1. *The Songs of the Cowboy.*

This lecture sets forth the kind of man the cowboy of the western states was and is, as he reveals himself in the songs he made. It is based upon a fairly complete collection of these songs and gives many quotations from them, descriptive, pathetic, and ludicrous.

2. *Some Types of the American Ballad.*

This lecture discusses the ballads that have grown up about almost every vocation followed in this country,

especially where the men engaging in the work have been isolated or thrown into cohesive groups. Illustrations are given of the songs made by the gold-seeker, the canal-man, the lumberman, the soldier, the deep sea sailor, the negro levee worker, the cowpuncher, and others.

3. *Negro Ballads of the Cotton Fields.*

This lecture is based on a large collection of the songs the Southern negro makes and sings, taken, largely by phonograph, direct from his own singing. The negro's point of view is shown toward religion, toward love and marriage, toward the offender against the law, toward work, in numerous quotations from the ballads, often highly dramatic, that the negro himself has made.

WILLIAM RAY MANNING, Ph. D., Adjunct Professor of Spanish-American History, is available for the following lecture:

1.* *Castles in Spain* and other buildings and scenes, together with a study of Spanish life, character, customs, and institutions. The lecture is illustrated by slides made from photographs taken by the lecturer, who spent a summer in Spain visiting and studying in Madrid, Seville, Granada, Gibraltar, Cadiz, Cordoba, and San Sebastian.

There is no country in the world where the ancient and modern in civilization mingle more intimately than in Spain. On the streets of its cities are buildings that have stood for five or six centuries or more; and others as up-to-date and devoid of taste as great buildings of New York or Chicago. Ancient cumbersome ox-carts and modern electric street-cars pass and repass continually. Moorish prayer towers which were used by the Moslems two or three centuries have since served for four centuries as towers of Christian cathedrals and still send forth their chimes every fifteen minutes. Roman, Byzantine, Moorish, Gothic, and Renaissance types of architecture are seen each in their purity and also in pleasing combinations. Excellent modern roadways cross over the arched buttresses of Roman bridges built nearly two thousand years ago. Some farmers use modern reapers and threshing-machines, while others use the primitive reep-hook which they and their ancestors on the same lands have used since before Rome was.

WILLIAM TYLER MATHER, Ph. D., Professor of Physics, is available for the following lectures:

1.* *The Making of a Sheet of Paper.*

With the aid of numerous lantern slides the various stages in the process of making paper are traced from the logs in the forest and the bale of the rag-picker to the finished product. The method used by our forefathers in making "hand-made paper" is also described. The treatment of the subject is non-technical, being designed to give a popular account of a great modern industry.

2.* *The Predecessors of the English Bible.*

The story of how the Bible has come down to us through the ages is ever new and in these days of revision special interest is attached to it. This story is told briefly and is illustrated by many lantern slides showing famous manuscripts, portraits, etc.

WALDEMAR ERIC METZENTHIN, M. A., Adjunct Professor of German, Director of Physical Training for Men, is available for the following lectures:

1. *Place and Significance of Organized Athletics in Modern Civilization.*

Historical Sketch of Athletic Activities in Ancient Greece and Rome, in Germany and Sweden, in England, Scotland, and Ireland. Functions of Play in Society. Modern American Sports. Athletics in University, College, and School. Famous College Athletics.

2. *Lessing.*

3. *Modern German Dramatists.*

The work of Hauptmann, Suderman, and others.

SIDNEY MEZES, Ph. D., Professor of Philosophy, President of the University, is available for the following lecture:

1. *Ethics and Law.*

2.* *Egypt.*

EDMUND THORNTON MILLER, Ph. D., Instructor in Economics, is available for the following lecture:

1. *The Revenue System of Texas.*

This lecture gives a descriptive account in popular terms of the sources of revenue of the State and its subor-

dinate political jurisdictions. The different taxes employed, their operation, defects, and suggested reforms, receive the emphasis of explanation.

LEONIDAS WARREN PAYNE, JR., Ph. D., Adjunct Professor of English, is available for the following lectures:

1.* *Elizabethan Playhouses.*

A discussion of the development of the early stages and playhouses, illustrated with forty slides representing early types of stages, old inns, maps of London, the various playhouses including the famous ones used by Shakespeare, and modern representations of these old stages and theatres.

2.* *Everyman: A Lecture Reading.*

A treatment of the old morality plays, with special reference to *Everyman*. Interpretative reading of *Everyman*, with slides illustrating old prints of the characters, modern reproductions of the play, and methods of staging and acting religious plays. This lecture is suitable for a Sunday evening talk.

3. *Types of Southern Humor.*

4. *The Short Stories of O. Henry.*

CHARLES SHIRLEY POTTS, A. M., LL. D., Associate Professor of Government, is available for the following lectures:

1. *The Advance of Democracy Since the American Revolution.*

2. *Direct Legislation Through the Initiative, the Referendum, and the Recall.*

3. *Development of Political Party Machinery for Nominating and Electing the President.*

4. *Penitentiary Reform, or, Our Treatment of the Criminal.*

LEROY WALTER SACKETT, Ph. D., Instructor in the Philosophy of Education, is available for the following lectures:

1. *Educational Philosophy.*

A series of ten or fewer lectures designed for teachers' institutes. These lectures embrace the more impor-

tant principles of psychology which a teacher should remember and give the educational significance of each. The lectures treat memory, habit, instinct, sensation, apperception, formal steps of instruction, suggestion, interest, will, personality.

2. *The Hygiene of School Life.*

This lecture discusses the school child in relation to routine, recreation, nutrition, night work, and other phases of school life which bear directly upon physical and mental vigor. The hygiene of instruction, with the defects of the present curriculum both as to its organization and the manner in which it is carried out, is carefully considered.

3.* *The Hygiene of School Equipment.*

This lecture takes up the problem of houses, including heating, lighting, and ventilation. Examples are given both of good and bad conditions, and of the most economic methods of making poor conditions tolerable. Play grounds and equipment are considered with especial reference to Texas conditions.

4.* *Problems of the Feeble-Minded in Society.*

This lecture considers the following topics: the prevalence of feeble-minded men; types of degeneracy; causes of degeneracy; hereditary character of degenerate traits; family records; economic cost of failure to provide suitable education; methods of caring for imbeciles; means now employed for preventing increase of degenerates; what the state is now doing and what it should do; agencies now organized which should be enlisted in this eugenic movement.

5.* *The Learning Process as Seen in Animals.*

This lecture is based on the author's own experimentation with animals, with frequent reference to the work done by other experimenters. The universality of the principles of habit formation in nerve substance is shown, and the applications to the education of children of principles found to hold in the training of animals are pointed out.

6. *Professional Retardation.*

This lecture takes up the relative viability of professional power as seen in the lawyer, the physician, the clergyman, and the teacher. The quickening and retarding factors of each are indicated with some lessons that each might learn from the other. Conditions inherent in the teaching profession which make for retardation and the agencies for preventing retrogression while in service are discussed. Based on the psychology of personality, suggestions are made for counteracting some of the inherent tendencies to retardation in the teaching profession.

7. *How Things Look from the Other Side.*

This is a popular lecture designed to show how each person has the tendency to see things from his own peculiar point of view, and that this often makes him somewhat unreasonable with his companions. Numerous illustrations of mis-interpretations are given—taken from children, primitive people, partisans, famous wits, and daily life. The quarrels of individuals, of classes, and even of nations, in many cases ridiculously pettish, are shown to be due to each party failing to appreciate how the matter looked from the other side.

EDWIN DUBOIS SHURTER, Ph. B., Associate Professor of Public Speaking, is available for the following lecture:

1. *The Spoken Word.*

FREDERICK WILLIAM SIMONDS, Ph. D., Professor of Geology, is available for the following lectures:

- 1.* *Earthquakes.*
2. *When the Earth was Young.*

WILLIAM STEWART SIMKINS, Professor of Law, is available for the following lectures:

1. *Equity as a System.*
2. *Status of Married Women in Texas.*
3. *Effect of the Statute Requiring the Practice in Common Law Cases in the Federal Courts to Conform as Near as May Be to the Laws of State Practice.*

AMANDA STOLTZFUS, Graduate of Peabody Normal, Nashville University, Lecturer to Rural Schools, is available for the following lectures:

1. *Teaching Manual Training and Cooking in a One-Room Country School.*

Equipment—Material—Courses of study—What has been done—Relation of work to home and farm.

2. *The Organized Country Community.*

Value and need of organized effort—Rural Leadership—Possible results—Social center—What other communities have done—When, where, why organize—General and immediate aims—Model program.

3. *Rural Recreation.*

Value and need of—For children—For farmers' wives and their husbands—Through the rural schools—Through the rural church—Makes possible a higher standard of citizenship—Literature for—What is being done in other communities.

4. *The Most Efficient Rural School.*

View of average one-room school—Its influence—Meaning of "consolidation"—Arguments for and against—How accomplished in Texas—Consolidated schools in Texas and elsewhere—Transportation—Possible course of study—Relation to community.

5.* *Home and School Beautification.*

Buildings—Grounds—Interiors—Value of—How secured.

6.* *Farm and Home Sanitation.*

Dust and its dangers—Water supply, good and bad—Sewage disposal, good and bad—Washing dishes—Pure air—Insects and vermin.

WILLIAM SENECA SUTTON, LL. D., Dean of the Department of Education, Professor of Educational Administration, is available for the following lectures:

1. *An Hour with a Poet of the Southland.*

This lecture treats of some of the work of Sidney Lanier, giving concrete proofs of his inborn genius and of his own struggles in its development. His conception of real art is shown by passages from both his poetry and his prose. Examples from his writings are given to show his belief that individuality characterizes the work of art; that art in its essence is ethical; that the artist has keen appreciation of human needs and sympathy with human suffering; that the poet exalts woman; and that the soul of the artist easily resists the deadly influences of commercialism.

Lanier's conception of education and of the material and spiritual benefits derived from training in a true university, is shown to be thoroughly modern. Attention is directed in the latter part of the lecture to the genuine, broad-minded patriotism, the true Americanism, that dominated his life. At the close of the Civil War, in which he served as a Confederate soldier, the war ended, so far as he himself was concerned, and not a line of sectionalism can be found in any of his productions. He was a man who lived "in the presence of great truths and eternal laws."

2.* *The Status of Public Education in Texas.*

The several necessary factors in the development of an efficient system of public education are discussed. Such questions as the permanent school fund, the available school fund, local taxation, the qualifications of teachers, as well as questions relating to local and state administration and supervision are investigated; the results of these investigations are shown by means of stereopticon slides. The purpose of the lecture is to describe as accurately as possible the conditions which obtain in elementary, secondary, and higher education in Texas at the present time.

3. *Christian Education in the Twentieth Century.*

After a brief historical statement, the characteristics of Christian education to obtain in the twentieth century are discussed. Proof is submitted that Christian education is to be controlled by a comprehensive aim embracing the whole of man, physical, intellectual and spiritual; that the Christian school is to be dissatisfied with inadequate means for the performance of its great work; that Christian schools of whatever grade will, by

means of both instruction and training, develop individual and, especially, social efficiency; that the Christian school, as well as the Christian church, of the twentieth century is to manifest in far higher degree than in any preceding century the fundamental characteristics of the Founder of the Christian religion. The lecture concludes with a discussion of religious education in public schools maintained at public expense.

4. *The Education of the Negro in the South.*

A brief historical survey serves as an introduction to the lecture. The education of the negro before the Civil War, during the Reconstruction Era, and in later years is traced in outline. These principles, which should govern the program of the Southern negro's education in the future are then elaborated:

(1) In the negro are to be found the essential elements of human nature, and, therefore, he can be educated.

(2) Education being a process of conscious evolution, the negro himself must by his own self-active efforts reach higher levels of intelligence and character.

(3) The professional education of teachers is an indispensable agency for the development of efficient schools for negroes.

(4) The efficient supervision of negro schools can be accomplished only by professional experts, having adequate opportunities for the discharge of their functions.

(5) The compulsory education of the negro is demanded upon both political and educational grounds.

(6) The education of the Southern negro should be marked by the continuous manifestation of the spirit of cooperation on the part of all who are concerned in the welfare of the South and of America.

5.* *Public Education in Mexico During the Presidency of Porfiro Diaz.*

The efforts of President Diaz and his colleagues to establish and maintain a system of public education are described. The several phases of that system, including the kindergarten, the elementary, the secondary, and higher schools are set forth. Stereopticon slides illustrating the methods used in physical, as well as intellectual education, will be used. The formation and inauguration of the University, including the schools for liberal arts, engineering, law, medicine, et cetera, are described.

The one purpose of the lecture is to show as graphically as possible the contribution Diaz and his associates made to the solution of the educational problem in Mexico, which is the fundamental problem of that country and of every other country in the world.

6. *The Education of the Modern Woman.*

This lecture begins with a brief outline showing the varying and contradictory opinions that have prevailed in former times concerning the education of woman. Then follows a discussion of the preparation which should be made by the modern woman in order to realize herself in the several forms of institutional life of which she is a part, the home, the state, civil society, the church, and the industrial world.

7. *Some Schoolmasters of the Long Ago.*

(From one to five lectures.) In these lectures are briefly discussed and evaluated the educational contributions of Socrates, Plato, Aristotle, and Quintilian. They are treated in such a way as to throw light upon many of the problems in the study of which the schoolmaster of modern times is engaged.

CARL CLEVELAND TAYLOR, B. A., Instructor in Public Speaking, is available for the following lectures:

1. *A Modern Mormon in His Home, Church, and State.*
2. *Day Dreams.*

THOMAS ULVAN TAYLOR, M. C. E., Dean of the Department of Civil Engineering, Professor of Civil Engineering, is available for the following lectures:

1. *Water Supply of Cities and Towns.*
2. *Sewerage Systems of Cities and Towns.*
3. *The Poor Boy and the University.*

JOHN CHARLES TOWNES, LL. D., Dean of the Department of Law, Professor of Law, is available for the following lectures:

1. *The Relation Between Law and Ethics.*
2. *The Average Man.*
3. *Precedent and Principle.*

JOHAN AUGUST UDDEN, Ph. D., Geologist for the Bureau of Economic Geology and Technology, is available for the following lectures:

1.* *The Ice Age.*

Early observations on the boulder in England and Europe. Studies of glaciers in the Alps. Tracing of moraines of the continental glaciers in America. Rock scarrings in America. Drainage changes in America. Es-kers, boulder trains, drumlins, and kettle holes. Probable causes of the climatic changes involved in continental glaciation. Earlier glacial periods.

2. *Petroleum and Natural Gas.*

Discoveries of oil and gas in America. Theories of origin. Evidences of organic origin in most fields. Geologic conditions of occurrence. Folds, structural terraces, salt domes. Examples from Pennsylvania, Ohio, Illinois, Oklahoma, Louisiana, and Texas. Probable future supply of petroleum and natural gas.

CLARENCE STONE YOAKUM, Ph D., Adjunct Professor of Philosophy, is available for the following lectures:

1. *Modern Psychology.*

Within the last fifteen or twenty years the science of Psychology has made such rapid advances that our former ideas no longer give a true picture of the mind. Striking explorations into our mental life go on continually. The importance of these new discoveries can scarcely be over-estimated. From business, from law, from medicine, from education, come demands for more and better information respecting mental facts.

2. *Abnormal Psychology.*

What are the known facts about dreams, telepathy, mediums, abnormal mental states, diseased minds, and the feeble-minded? Much of the popular knowledge in this field of Applied Psychology is wrong or misunderstood. Scientific medicine has taken wonderful strides in the prevention of, and in the proper care and treatment of, mental diseases.

3. *Comparative Psychology and the Study of Animal Mind.*

Anecdotes of animal intelligence are common the

world over. Only recently has anyone undertaken seriously to study the mental life of animals and to determine the relation between their mental processes and those of man. How has mental evolution taken place?

4. *Social Psychology.*

A study of man's place in his group. Every man becomes less than a man in a mob. The growth of the child and youth into full social stature is replete with surprises and social problems. What part do imitation, suggestion, religion, custom, etc., play in this development?

STARK YOUNG, M. A., Adjunct Professor of General Literature, is available for the following lectures:

1. *The Poetic and Idealistic Drama.*

The virtues and shortcomings of the poetic and idealistic dramas, and the happy combination of the two that will express our complete ideals.

2. *The Irish Drama.* Yeats, Lady Gregory, and others.

3. *Moliere.* One lecture or a series of several.

4. *The Mounting of Amateur Plays.* Practical suggestions.

5. *Dramatic Material in the South.*

An attempt to point out the temperamental and social and historical contribution that the South might make to American drama.

6. *Byron.*

7. *What the Public Wants.*

A talk on the necessity of finding ourselves in the arts, and our right to insist on the proper means to such an end, from theatrical managers, journalists, etc.

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THE UNIVERSITY OF TEXAS

SUMMER SESSION OF 1913

June 14-July 31

Main University, Austin, Texas

COLLEGE OF ARTS:—Courses in Botany, Chemistry, Domestic Economy, Economics, English, Geology, German, Government, Greek, History, Latin, Mathematics, Philosophy, Physics, Spanish, and Zoology. These courses, graduate and undergraduate, lead to academic degrees.

DEPARTMENT OF EDUCATION:—Courses in School Management, Educational Psychology, Child Study, History of Education, School Supervision, Physical Education, Secondary Education, and Methods, and Teacher's Courses in Agriculture, Domestic Economy, and Manual Training. These courses lead to first-grade state teacher's certificates, and to the teacher's diplomas, and they furthermore count toward academic degrees.

LAW DEPARTMENT:—Courses leading to the Degree of Bachelor of Laws with State license and to the Degree of Master of Laws.

UNIVERSITY SUMMER NORMAL:—Courses leading to second-grade, first-grade, permanent, and permanent primary state certificates.

RURAL SCHOOL EDUCATION WEEK:—Rural school problems will be discussed by competent experts, during the week beginning July 14 and closing July 19. The lectures and round-tables will be of great interest to county superintendents, to principals and teachers of rural schools, to trustees of rural schools, and to all others interested in the development of the schools in which seven-tenths or more of the children of Texas are to be educated.

FACULTY:—Sixty or more members, consisting of professors and instructors of the regular session of the University, and of a number of experts from other higher institutions, and from the ranks of public school teachers and superintendents.

REGISTRATION FEES:—In the College of Arts and the Department of Education \$5.00 for one course, and \$2.50 for each additional course. In the Law Department \$30.00; in the University Summer Normal, \$7.50.

For Announcement of Summer Session of 1913, Address
E. J. MATHEWS,
Registrar of Summer Session;
University Station, Austin, Texas.